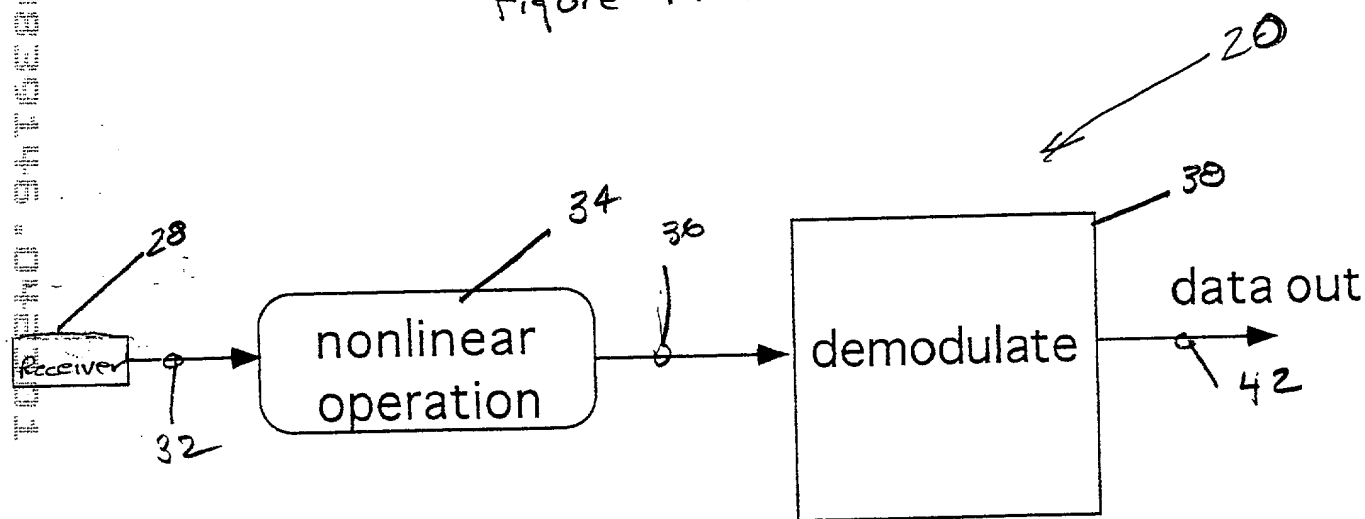


generating chaotic signal

Figure 1(a)



demodulating chaotic signal

Figure 1(b)



Figure 3(a)

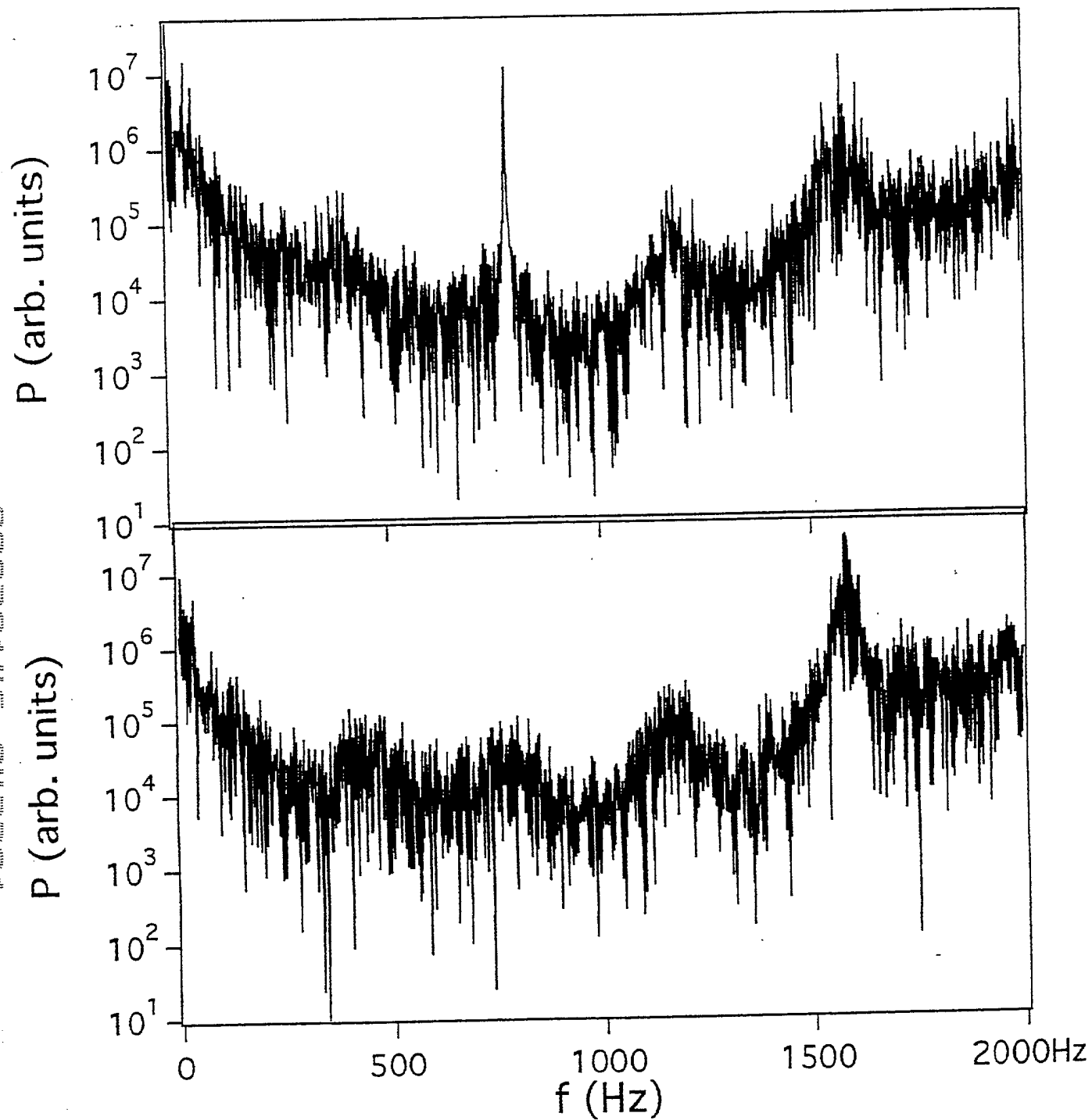
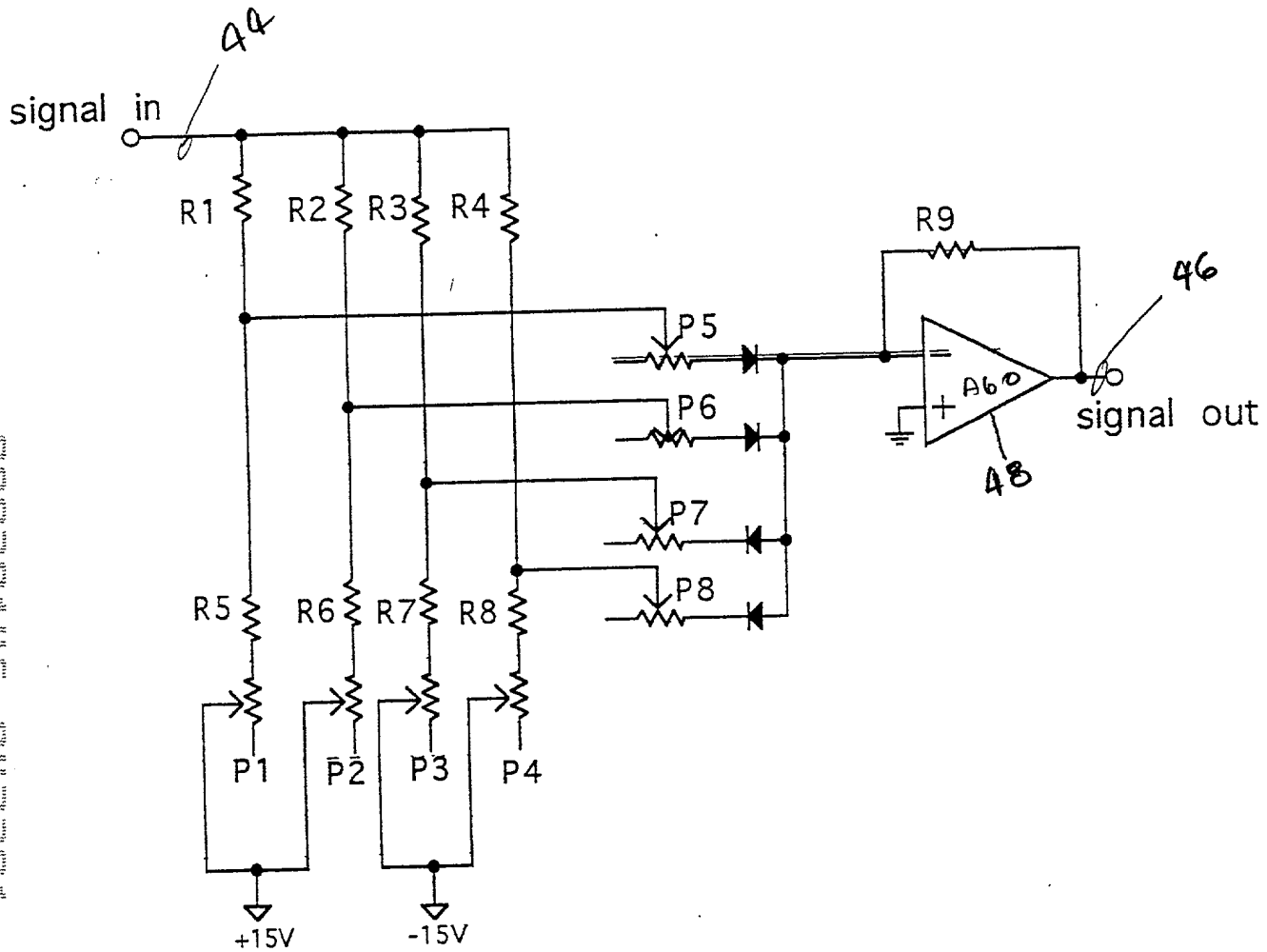
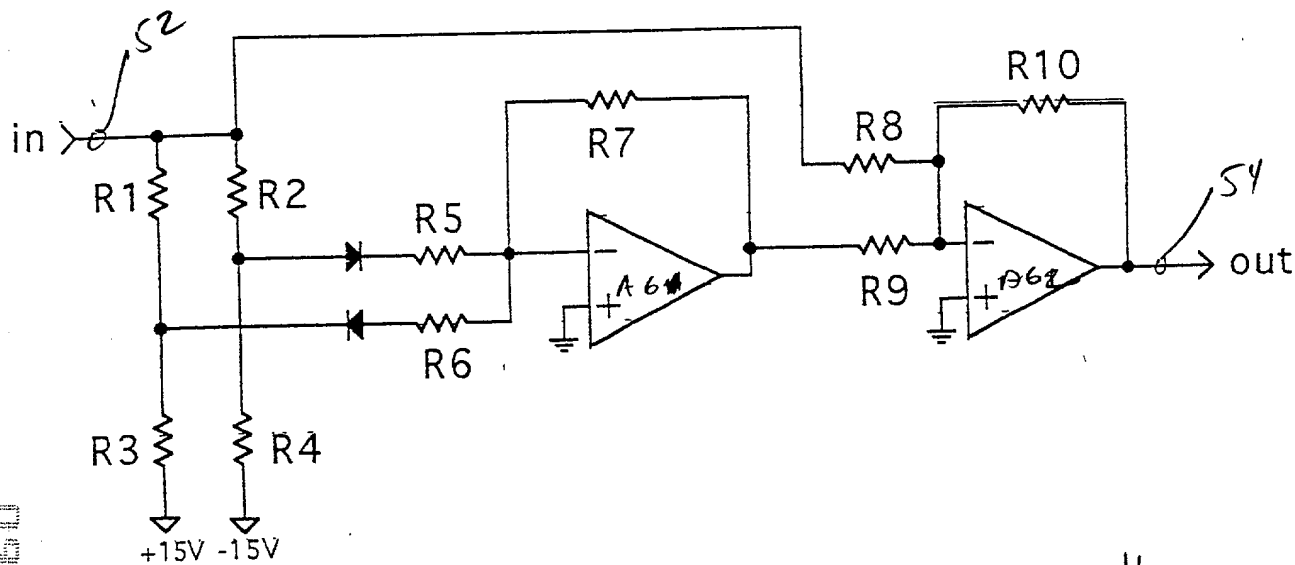


Figure 3(b)

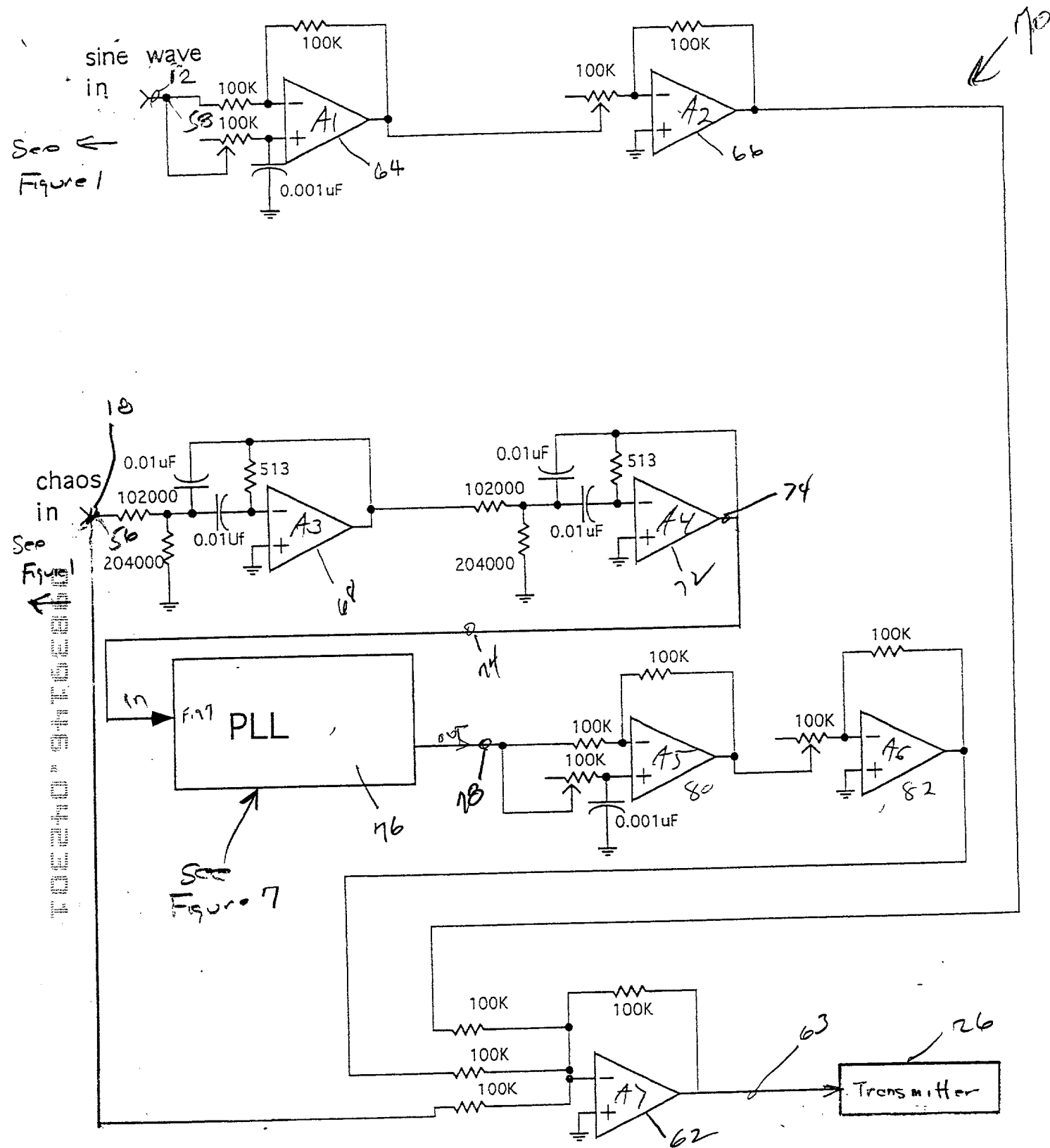


Circuit used to Create a Function  $G$   
in the Chaotic Duffing Circuit



Circuit to Create a Function F in the  
Chaotic Duffing Circuit

F<sub>5</sub> 5

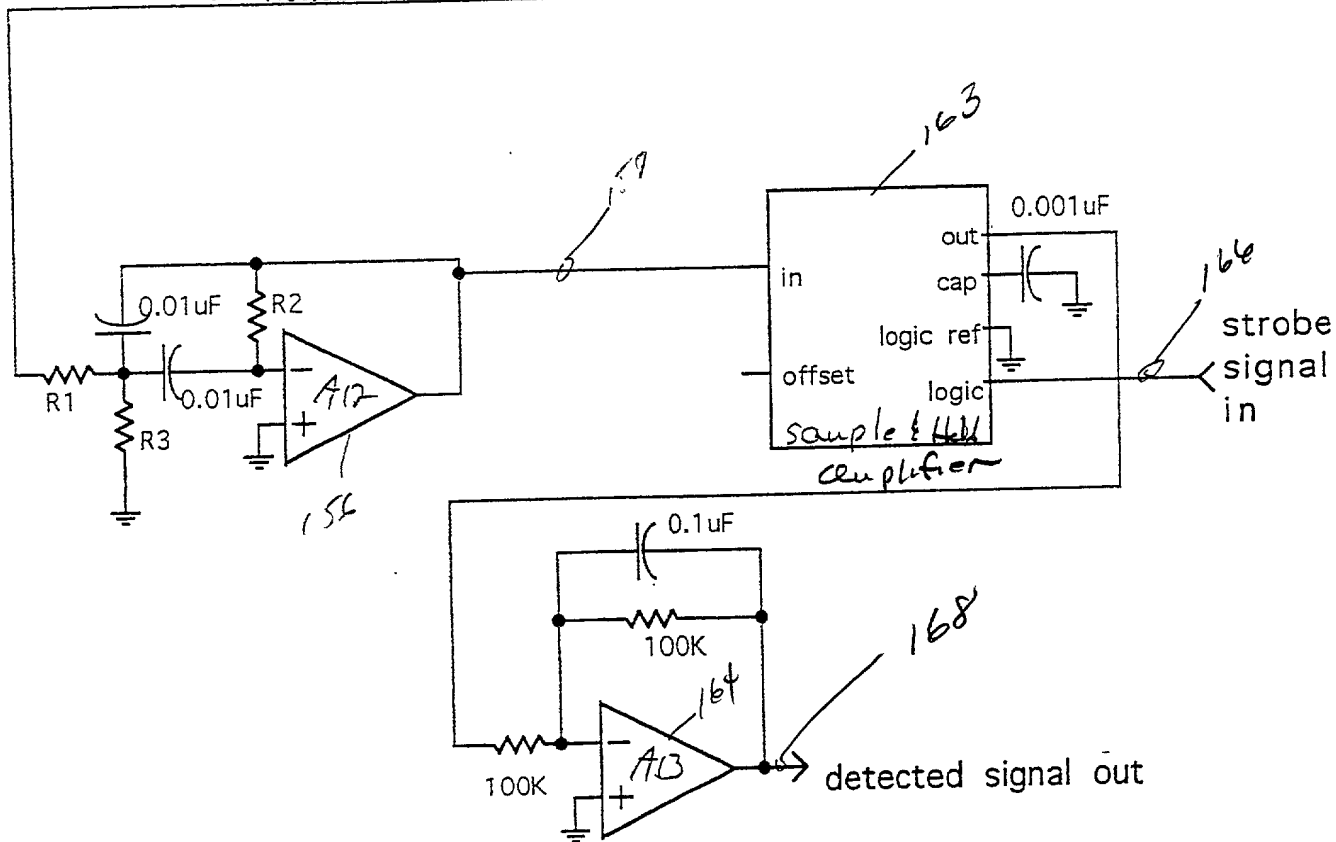
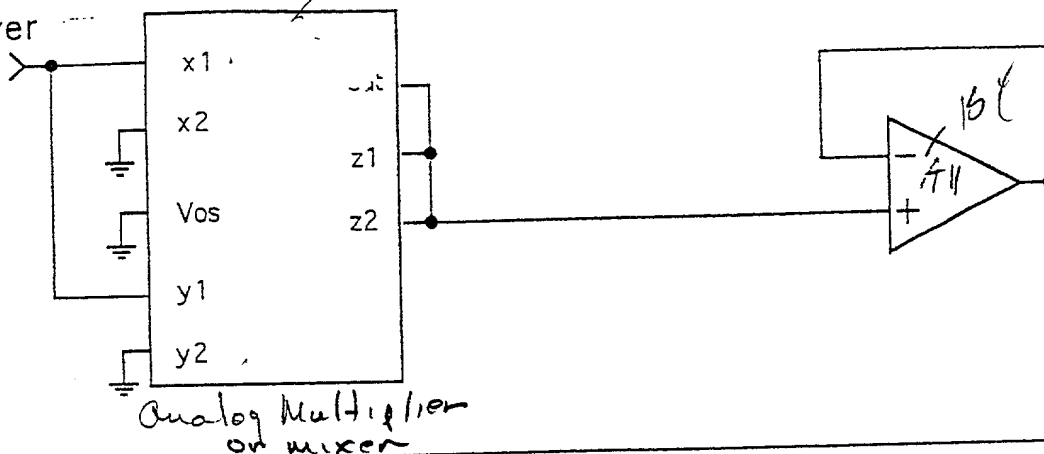


Circuit Used to Subtract the Periodic Parts from the Chaotic Duffing "y" Signal

Figure 6



from receiver



Circuit in Receiver that Restores the Periodic Part of the Chaotic Signal

Figure 8



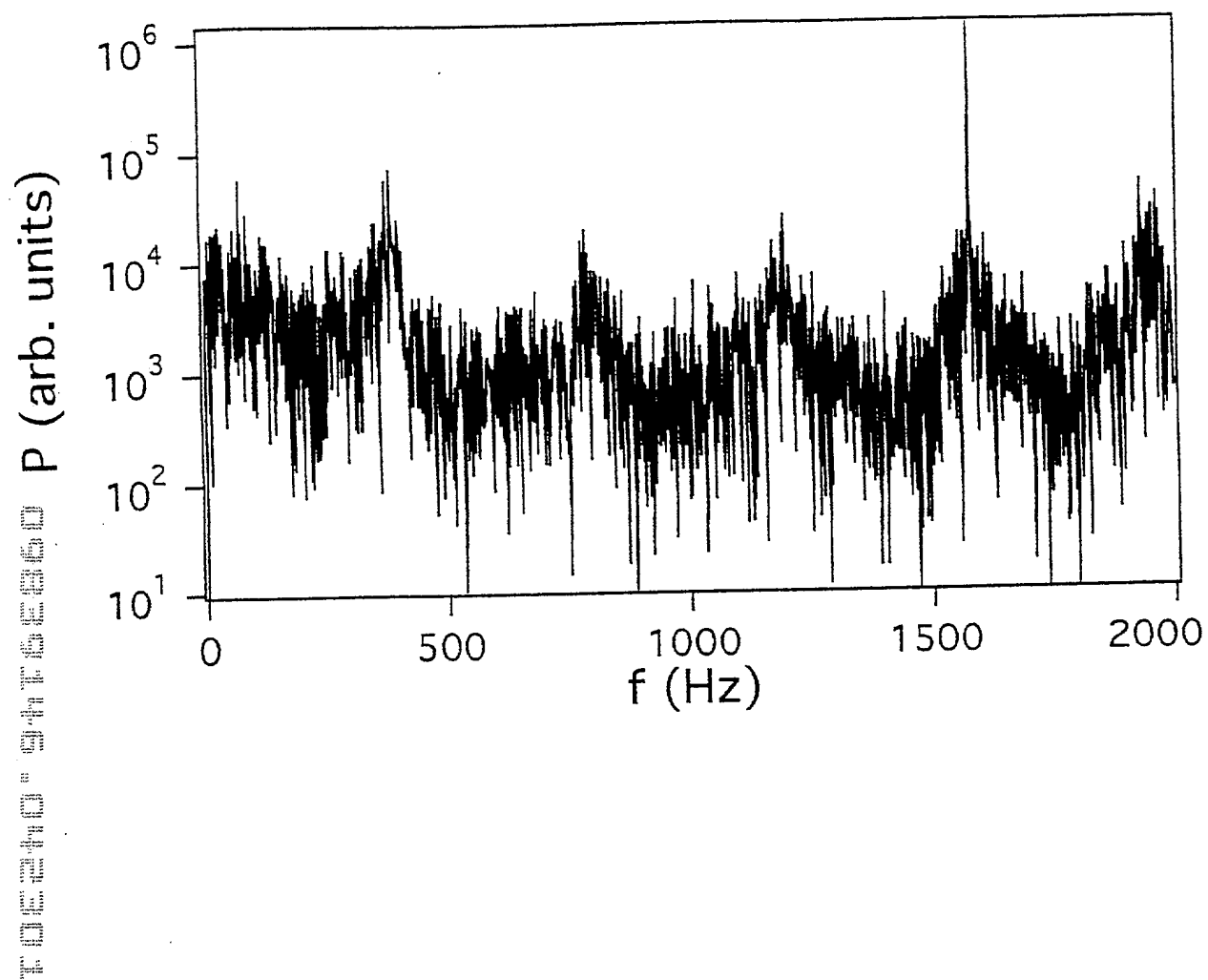


Figure 9

Figure 10(a)

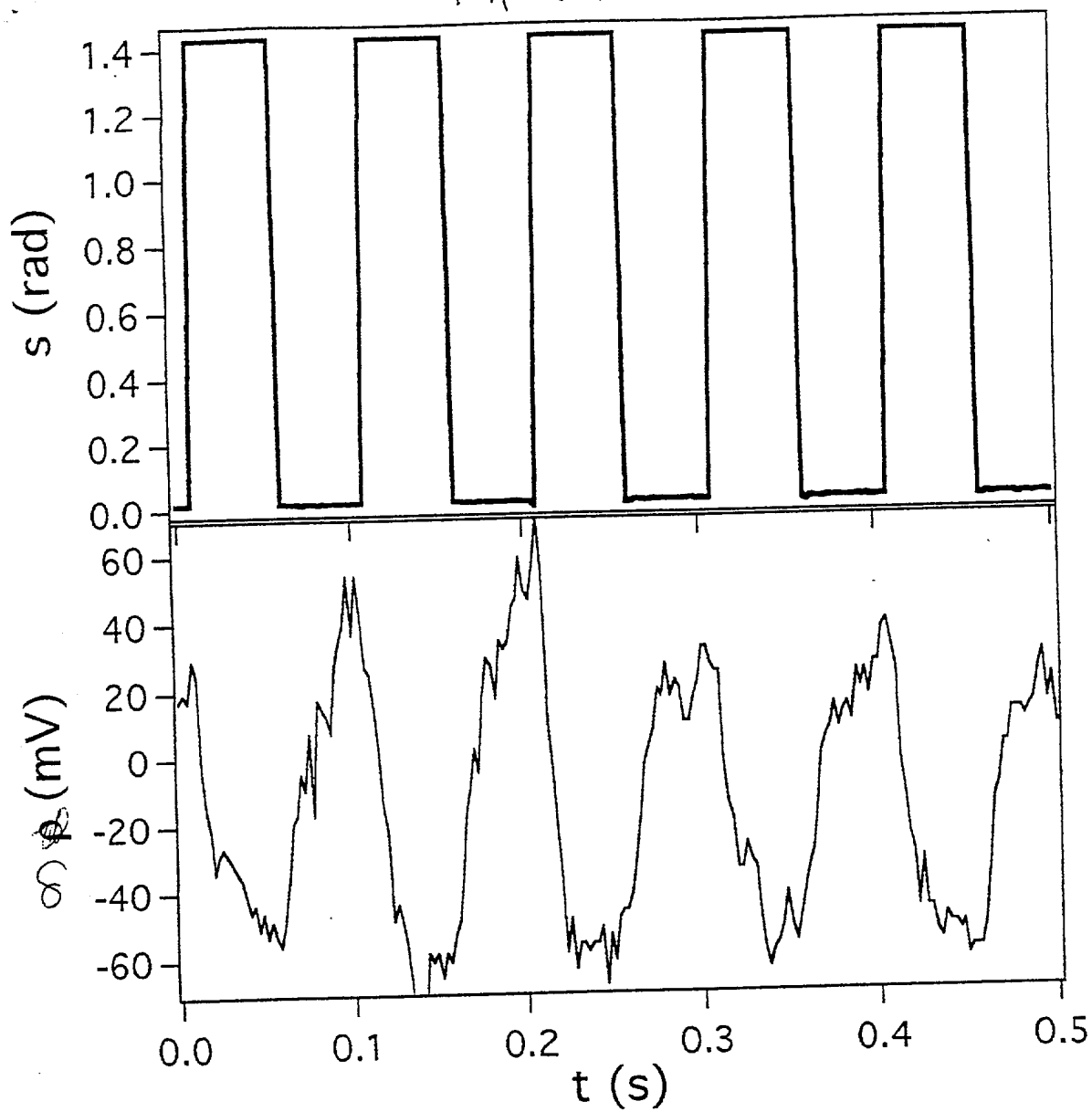
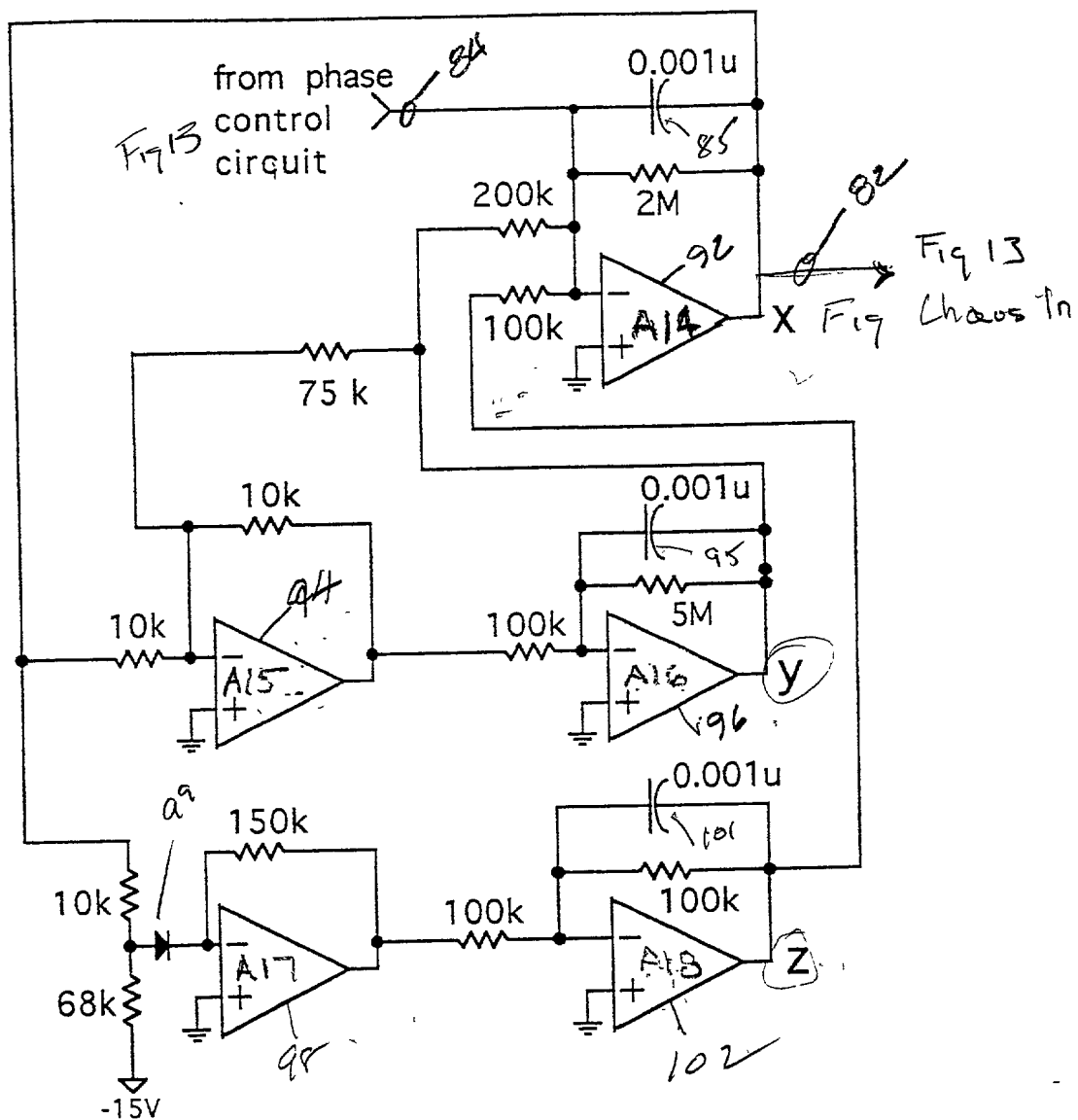


Figure 10(b)



Piecewise Linear Rossler (PLR)

Figure 12(a)

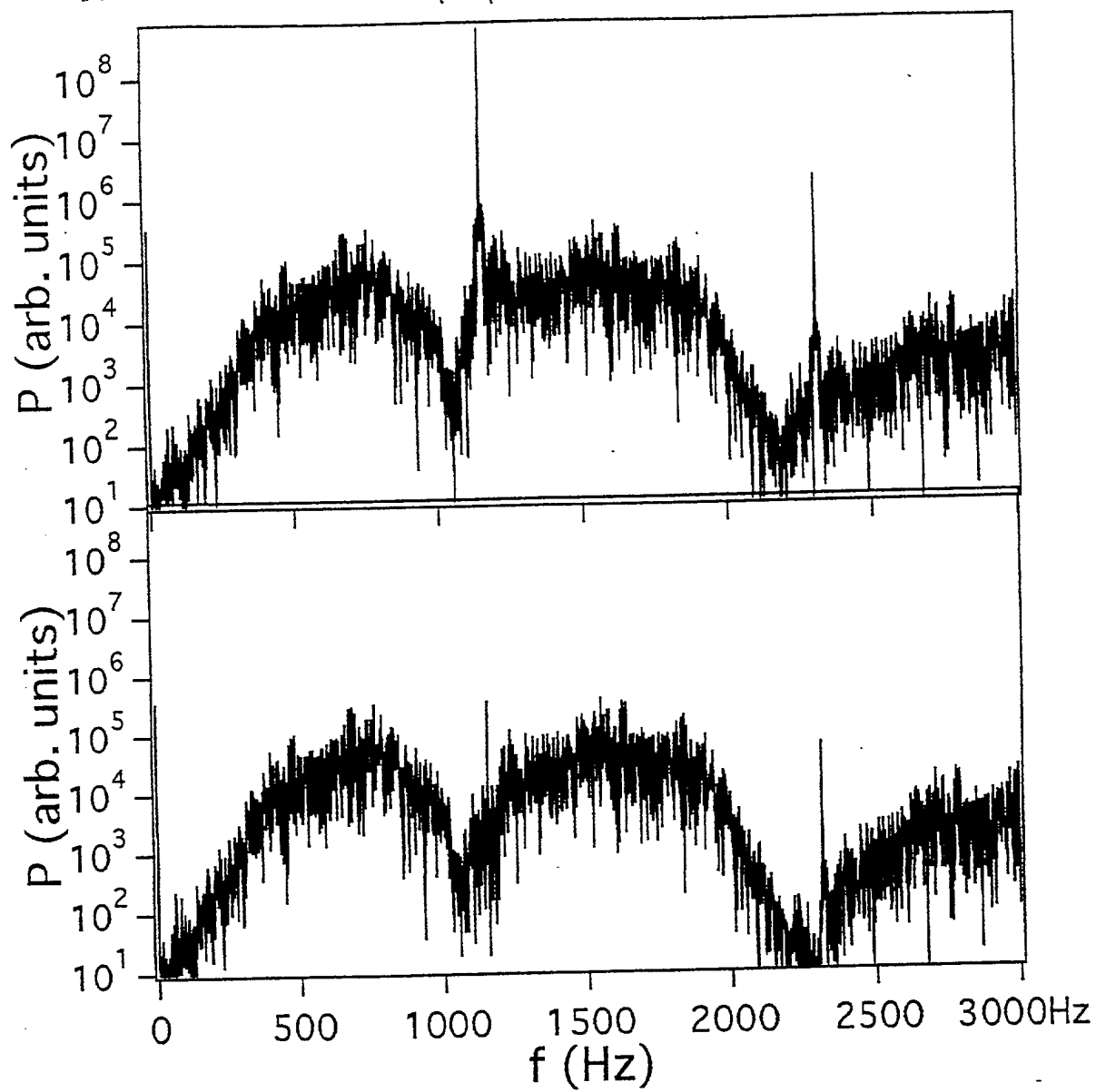
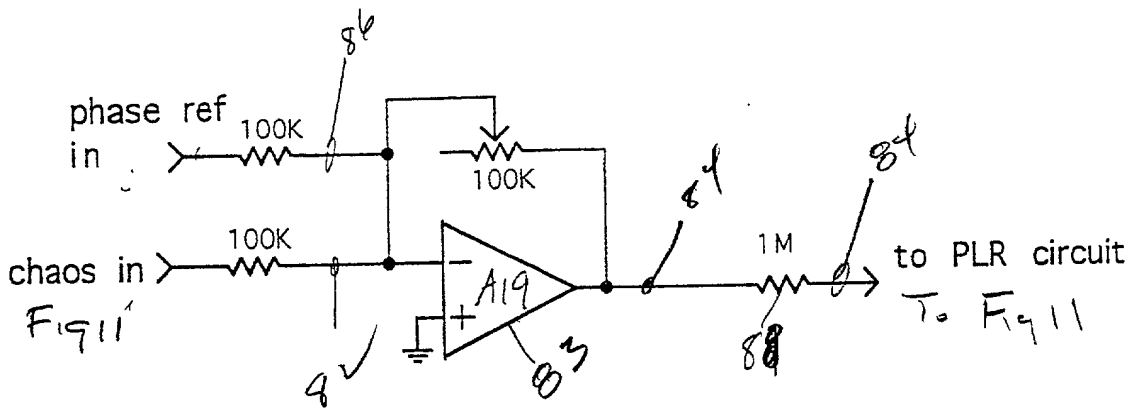
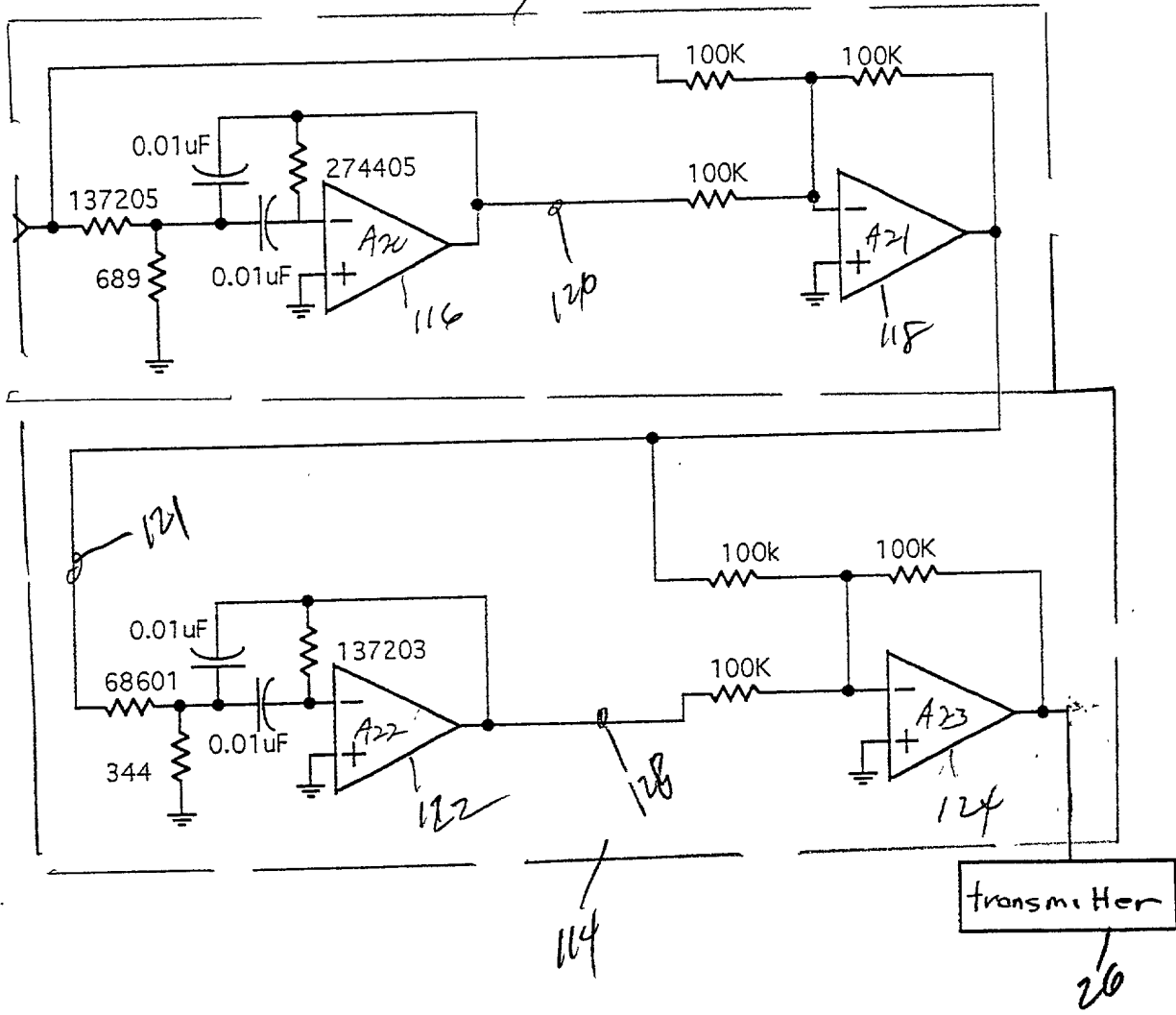


Figure 12(b)

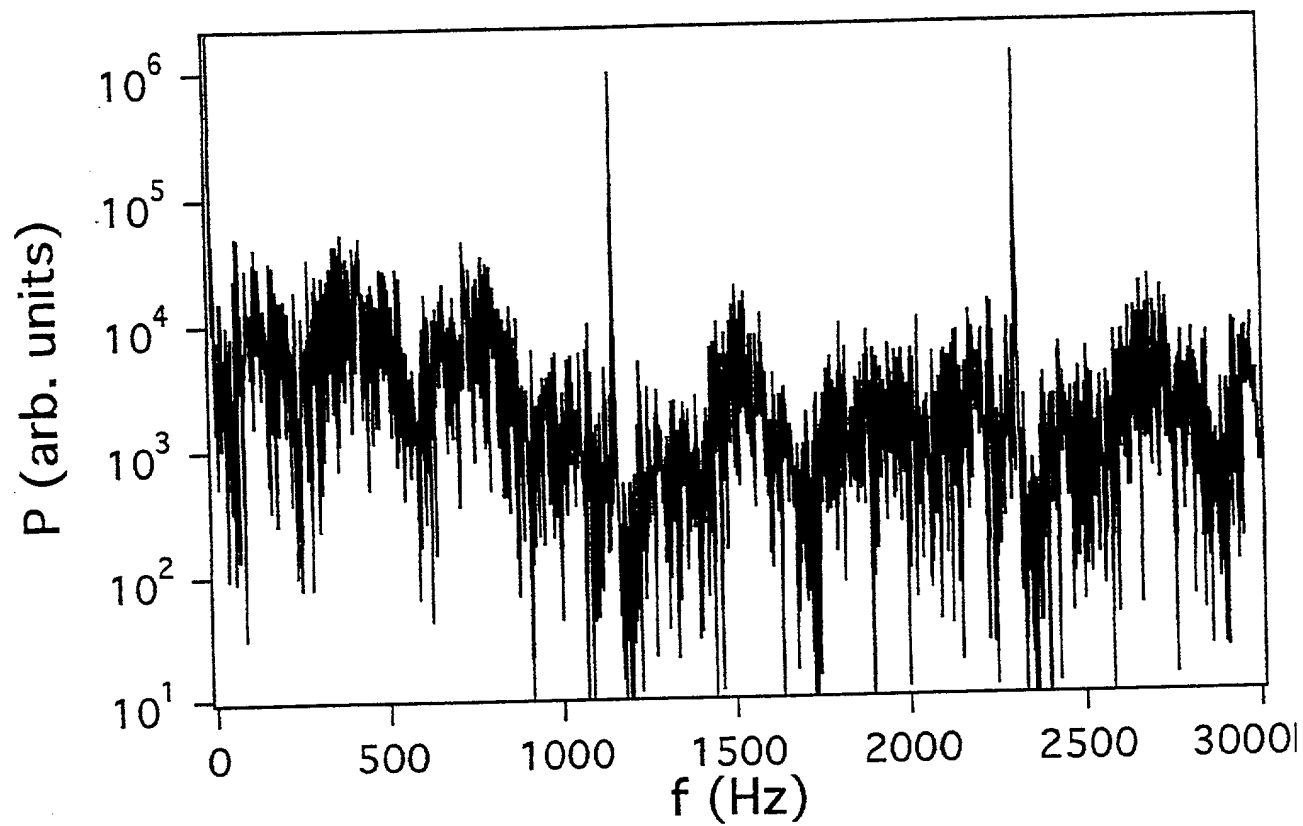


Phase Locking Circuit used with the  
Chootic PLR Circuit

chaotic signal  
in Fig 11



Circuit to Remove Periodic Part from  
Chaotic PLR "x" Signal



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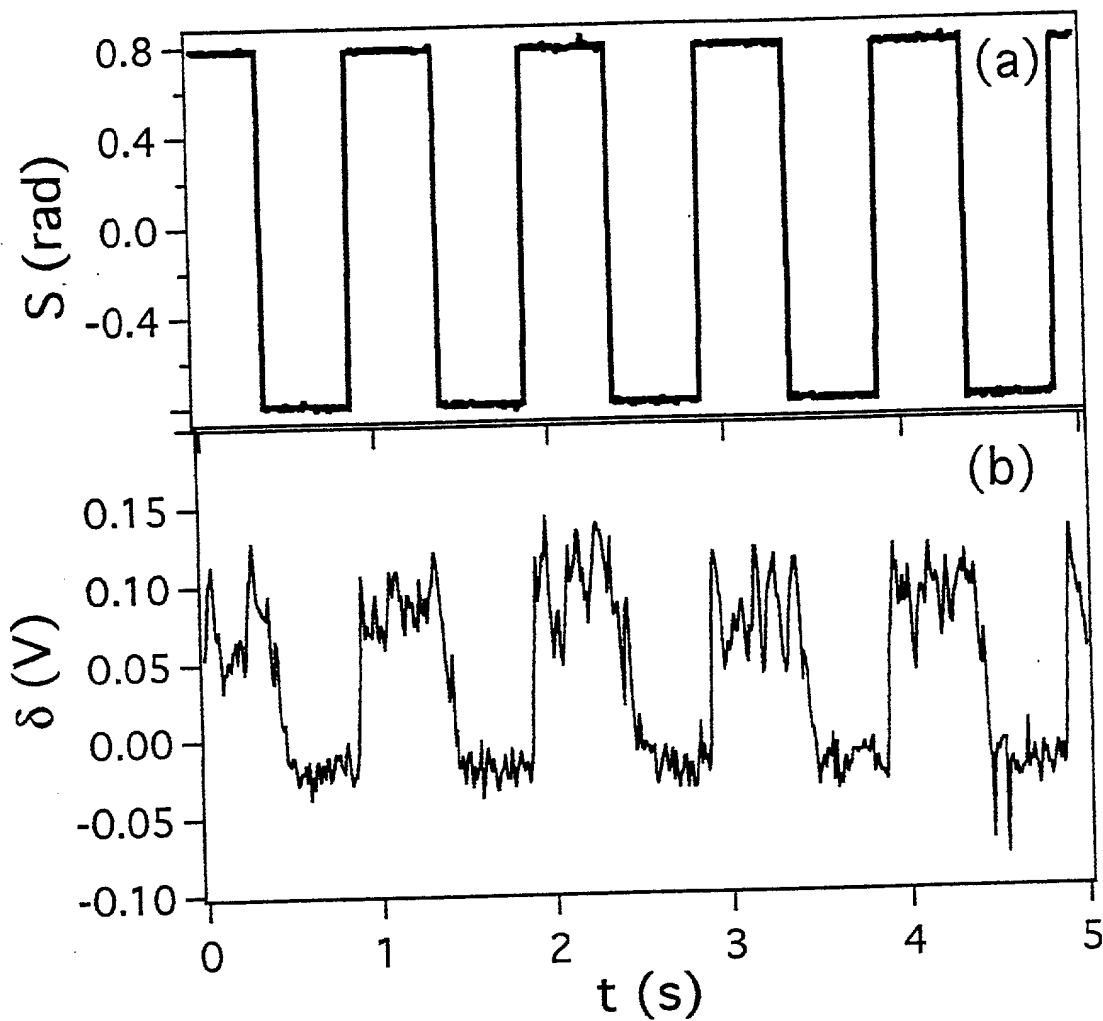


Figure 16